

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@horizon.sri.com. The bulletin may be freely quoted, provided that credit is given.

## Looking Good!

It's nearly the end of May in a La Niña year as I write this. The sun appears to have resumed its rise in activity and things are looking up. Inside, you will find reports of 6m openings from Europe to the Eastern USA. This is in addition to the Es-TE hookups and from South America and ZL/VK to Southern USA. The KH6 beacons on 144 & 432 MHz have already been in more than a few times on tropo. Propagation appears to be with us, there are lots of DX-peditions and activities, so why not fire up that rig—but please don't bunch up on the calling frequencies, 50.110 and 50.125!

## Contest Calendar

50 MHz DX Marathon June 12 00Z-July 12 00Z.  
ARRL June VHF QSO Party June 12 18Z-June 14 03Z.  
SMIRK QSO Party June 19 00Z-June 20 24Z.  
ARRL Field Day June 26 18Z-June 27 21Z.

## DX Operations

**Greenland:** OX3LG will be QRV on 6-20 from June 15-30.

**St. Paul Is.:** Look for CY9SS June 6-14. 6m ops VE1PZ and VY2SS.

**Bahamas:** Kevin, WB8XX, will be going to FL16 June 8-15 for the ARRL June VHF QSO Party. The call will be C6AKL.

**Virgin Is.:** Look for Ace, KP2/W4WTA, in FK77 June 10-15. He will be using a 706 and small beam.

**Montserrat:** Look for VP2MDD in FK86VR June 14-28, op. M0AEP.

**W. Kirabati:** VK2GJH will be QRV as T30JH starting June 24, ending before July 4.

**Nauru:** VK2GJH will be QRV as C21JH starting July 4 for about two weeks. He will be taking along a 736 and 5 el Yagi, and plans 24-hour operations.

**French Polynesia:** FO5OG until August 13, op F2HE. May 27-June 27 @Nuku Hiva Marquesas (OC-067). Also planned operation from OC-131 Tuamotou.

**Northern Marianas Is.:** June 12-15 a group of Japanese and KF4VSV will be QRV 160-6m from Saipan. (50.090 CW, 50.115 SSB).

**Market Reef:** OJ0 DXpedition July 2-5, 160-6m. Ops OH0RJ, LA3IKA & LA0CX.

**Liechtenstein, HB0:** A group of Germans will be QRV on 160-6m June 19-25.

**Turkey:** Erol, TA7V, will be QRV on 6m from YM7KA June 1-Sept 1 from Trabzon in Eastern Turkey.

## Beacon News

WB4WTC: is now QRT

LZ1JH: KN22, 50.013, 1W to GP.

KA4YMY: 50.068, EM95, 5W to a Halo @ 20°.

YO3KWJ: KN34BJ, 50.07525, 5W to GP. Reports to YO3JW fs@fx.ro.

## QSL Information

BISD: PO Box 1713, Guangzhou City 510600, CHINA

BV2B: via BV2WA

HL3IUA: via JA5AQ

JF8HIQ/JD1: via JF8HIQ

VK4CYB: via JE1LET

TM1CW: via F5KBM

TU2OJ: via F5IPW

OX3LG: via OZ1PIF Peter Frenning, Ternevej 23, DK-4130 Viby Sj., DENMARK

XU1YY: via JA6HOR Yoshiyuki Yamasaki, 21-15-401, Toyotama-kita 2, Nerima-ku, Tokyo 176-0012 JAPAN

## FT-847 Paper Withdrawn

Sam Goda has withdrawn the FT-847 paper mentioned in our March 1999 issue. I apologize for any inconvenience this may have caused some of our readers. Reading between the tea leaves, I suppose that the rig must have some good qualities for Sam to have bothered with it.

## April-May 99 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in MOBIL HAM, G4UPS, XE2HWB, VE7SKA, W0MTK, K6QXY, ZL2KT, EH8BPX, YO7VS, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1999. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, R=RTTY, S=SSB, T=Television, W=mode not mentioned (or both CW & SSB), H=heard only.

# Reports of Africa

## ASCENSION IS.

05012120	ED8VHF	WEAK	50.033	B	EA7KW	05061748	7Q7RM	CLG CQ	50.110	IK5JWQ	03171210	ES6DM	539, 59981657	50.051	B	Y07VS
05041937	ED8VHF	559 QSB>JM78	50.033	B	IW9CER	05062142	7Q7RM	50.002 B EA7KW	50.002 B EA7KW	03171258	ES6PJS	599, 4681635 >KM14VH	50.051	H	Y07VS	
05042055	ED8VHF	559	50.032	B	EA7KW	05081610	7Q7RM,	7Q7SIX 50.110/50.003 B IW9CER	50.003 B IW9CER	03171637	ER6EL	57 KG33VE>KM14VH	50.051	H	Y07VS	
05052001	ED8VHF	579>JM76	50.033	B	IW9CER	05081630	7Q7RM	>IO910N	50.105	0E3K	03171638	ES6XJ	57 >KM14VH	50.051	H	Y07VS
05092028	ED8VHF	549 QSB>JM78	50.033	B	IW9CER	05081630	7Q7RM	>IO910N	50.105	B G4RKG	03171653	ES6J00	59++ KG33VV WKO EUR	50.051	H	Y07VS
05092119	ED8VHF	>JM61	50.033	B	IW9CER	05091610	7Q7RM	RH74>JM77	51.110	IK9BCD	03171700	ES6BTE	59 WKG F >KM14VH	50.051	H	Y07VS
05102020	ED8VHF	>BM57	50.033	B	H98BHG	05091626	7Q7RM	59++>KM46CG	50.105	SV5BYR	03181140	ES6PJS	59 WKG F >KM14VH	50.051	H	Y07VS
05122049	ED8VHF	I122>JM78 549	50.032	B	IW9CER	05091749	7Q7SIX	579>IM67	50.002 B EA7KW	03281246	ES6DN	559-579, 52981500	50.051	B	Y07VS	
05122123	ED8VHF	533	50.032	B	EA7KW	05092024	7Q7SIX	559>JM78	50.003 B IW9CER	04021217	ES6AXT	519 CLG CQ >KM14VH	50.051	H	Y07VS	
05151939	ED8VHF	579 >JM72	50.032	B	IK6TIJ	05101710	7Q7SIX	WEAK>JM61	50.003 B IW9TWD	04091030	ES6AXT	CLG CQ > KM14VH	50.051	H	Y07VS	
05152014	ED8VHF	519	50.032 B	S	SVIDH	05101910	7Q7SIX	WEAK>JM61	50.002 B EA7KW	04091030	ES6DM	519-599 > KM14VH	50.051	B	Y07VS	
05152015	ED8VHF	518 QSB	50.033 B	I	I0EARN	05101910	7Q7SIX	WEAK>JM61	50.002 B EA7KW	04191055	ES6AXT	519-599 > KM14VH	50.051	B	Y07VS	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	05111537	7Q7RM	CQ CW	50.110	EA7KW	04201043	ES6AXT	419 CLG CQ > KM14VH	50.051	H	Y07VS
05122049	ED8VHF	I122>JM78 549	50.032 B	I	I0EARN	05111551	7Q7RM	KH74>JM78	50.110	IK9CER	04201046	ES6AXT	419 CLG CQ > KM14VH	50.051	H	Y07VS
05122123	ED8VHF	533	50.032 B	I	I0EARN	05121646	7Q7RM	CQ CW 59++	50.110	IK0FTA	04201046	ES6AXT	559/519 KG33VV IVO	50.051	C	Y07VS
05151939	ED8VHF	579 >JM72	50.032 B	I	I0EARN	05122124	7Q7SIX	539>IM67	50.002 B EA7KW	04201050	ES6DN	579 > KM14VH	50.051	B	Y07VS	
05152014	ED8VHF	519	50.032 B	S	SVIDH	05141635	7Q7SIX	579>KM72MW	50.002 B 4E5DB	04211444	ES6WB	57 > KM14VH	50.051	H	Y07VS	
05152015	ED8VHF	518 QSB	50.033 B	I	I0EARN	05141752	7Q7SIX	559	50.002 B EA7KW	05011558	ES6E16	JM76 >KG43	50.110	I	IT9RIR	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	05151524	7Q7SIX	& 1703 559	50.002 B EA7KW	05011608	ES6WB	JM76 >KG44	50.123	I	IT9RIR	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	05151524	7Q7SIX	579	50.002 B EA7ARS	05011615	ES6WB	JM76 >KG44	50.123	S	SV1NE	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	05201748	7Q7RM	57 >JO41	50.110	DK2PH	05021128	ES6PJS	50.110	C	IK0FTA	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	05211619	7Q7RM	599+ WKG BP	50.109	EA7KW	05021631	ES6TWB	599	50.044	B	EA7KW
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	05211621	7Q7RM	569>JO50	50.110	DL6AM1	05021632	ES6E2	50.110	I	1SLPLR	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	052521900	7Q7RM	CW KH74	50.120	4E4DX	05021652	ES6DN	, ES6TWB 599	50.050	B	W9CER
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	052521904	7Q7SIX	529	50.002 B 0E4C7V	05051829	ES6DM	JM76 >KG44	50.123	B	IT9RIR	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	052521904	7Q7SIX	579>JM78	50.002 B IW9CER	05051842	ES6AXT	579 JM76>KG33	50.111	I	IT9RIR	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	052521952	7Q7SIX	579	50.002 B EA7ARS	05061826	ES6TWB	559 > IM67	50.044	B	W9CER	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	052621130	7Q7RM	559	50.002 B EA7ARS	05062106	ES6TWB	559 JM64	50.043	I	I4GOC	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	052821420	7Q7RM	579 QSB > KM14VH	50.002 B EA7ARS	05021543	ES6AXT	50.108	I	IK4PLW		
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	053261310	7Q7RM	559	50.002 B EA7ARS	05201600	ES6PJS	599 CQ	50.104	B	EA7KW	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	053261310	7Q7RM	559	50.002 B EA7ARS	05201600	ES6TWB	57 >V51 S9	50.044	B	EA7KW	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	053261310	7Q7RM	559	50.002 B EA7ARS	05201630	ES6TWB	519>JM43	50.044	I	II2AAJ	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	053261310	7Q7RM	559	50.002 B EA7ARS	05201637	ES6TWB	559 50.018 B SV2BQI	50.044	B	W9CER	
05151524	ED8VHF	>JM61	50.033 B	I	I0EARN	053261310	7Q7RM	559	50.002 B EA7ARS	05201637	ES6TWB	529 > JM35	50.044	B	W9CER	

## CEUTA & MELILLA

05011809	EH9AI		50.115	B	EA7KW	05081847	CN6HB	IM63HR	50.115	IK5YEW	03131445	V51VHF	599 JG87	50.111	I	IT9RIR
05011837	EH9AI	CQ CW	50.110	B	FY5CC	05111557	CN6LI	579>JM35	50.027	B IW9CER	03141611	V51VHF	599 JG87	50.111	I	IT9RIR
05081639	EH9IB		50.110	B	ON9AAT	05241525	CN6LI	59++>IL28	50.027	B EAC5CPU	03141619	V51VHF	599 JG87	50.111	I	IT9RIR
05081704	EH9IB	IM85	50.116	B	F4PAB	052521952	CN6LI	IM64 599>IN87	50.027	B F5JJK	03141620	V51VHF	599 JG87	50.111	I	IT9RIR
05081711	EH9IB	IM85	50.116	B	IK7XIV	052521952	CN6LI	IM64 599>IN87	50.027	B F5JJK	03141620	V51VHF	599 JG87	50.111	I	IT9RIR
05081712	EH9IB	IM85	50.116	B	DK5YA	052521952	CN6LI	IM64 599>IN87	50.027	B F5JJK	03141620	V51VHF	599 JG87	50.111	I	IT9RIR
05152022	EH9IB		50.112	B	IK5EUL	052521952	CN6LI	IM64 599>IN87	50.027	B F5JJK	03141620	V51VHF	599 JG87	50.111	I	IT9RIR

## CHAGOS ARCHIPELAGO

04091620	VQ9DX		>PL05	B	BV2DF	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	BV2DF	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER
04101420	VQ9CV	, 1620 VQ9EE	>PL05	B	BV2DF	05111537	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
04181510	VQ9CV		>PL05	B	BV2DF	05121212	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
04211456	VQ9DX		>PL05	B	BV2DF	05121212	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05121430	VQ9DX		>PL05	B	BV2DF	05121430	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05121457	VQ9DX		>PL05	B	BV2DF	05121457	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05121455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171450	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B	BV2DF	05121455	V51VHF	599+ & 1440-1650	B	Y07VS	05081626	VQ9CV	, 1620 VQ9EE	>PL05	B	W9CER	
05171455	VQ9VK		>PL05	B													

## MALDIVE IS.

04261222 8Q7QO 579  
04270838 8Q7QO  
04290427 8Q7QO  
04300719 8Q7QO 559  
04300730 8Q7QO  
04300846 8Q7QO 569  
04301011 8Q7QO  
PAKISTAN  
05020816 AP2WAP 529  
05020816 AP2WAP 529  
05020818 AP2WAP  
05020831 AP2WAP

>PL36 50.110 5B4FL  
>PL36 50.110 H JR2HCB/6  
>PL36 50.110 C JR5VSP  
>PL36 50.110 C JA1VOK/6  
>PL36 50.110 C 7J6CCU  
>PL36 50.110 C JA1VOK/6  
>PL36 50.110 C JR6QWW  
>PL36 50.110 C JS6CDB

## UNITED ARAB EMIRATES

04100910 A61AH >PL05 BV2DP  
04301052 A61AH >PL36 50.110 S JR6VSP  
04301054 A61AH 55 >PL36 50.110 S JA1VOK/6  
04301057 A61AH >PL36 50.110 S 7J6CCU  
05051105 A61AH >PL36 50.110 H JR6VSP

## Reports of Asia (FarEast)

### ASIA, GENERAL

05200500 ASIAN TV 51 49.750+ ZL3TIC  
05200600 ASIAN TV 300+ >0800 48.250+ V VK3SIX  
05220100 ASIAN TV -0400 49.750+ V ZL3TIC  
05220600 ASIAN TV -1000 49.750+ V VK3SIX

### CHINA

04300745 BI5D >PL36 50.110 C 7J6CCU  
04300828 BI5D >PL36 50.110 C JA1VOK/6  
05010555 BI5D >PL36 50.110 H JA1VOK/6  
05010747 BI5D >PL36 50.110 S 7J6CCU  
05010757 BI5D >PL36 50.110 S JR6VSP  
05012134 BI5D >PM53 50.110 C JA6QGG  
05131017 BD71A >QM08 50.099 C JH7MSB  
05160350 BG70H >QM05 50.125 H JA1VOK  
05181241 BD71A >QM05 50.100 C JA1VOK  
05191243 BD71A >QM05 50.110 H JA1VOK  
05211442 BD71A >QM05 50.110 C JA1VOK  
05211600 BD71A >PM51 50.110 S JA6RGD  
05211606 BG70H >PM51 50.110 S JA6RGD

### HONG KONG

04211400 VR2XMT >PL05 BV2DP  
05061551 VR2LC 439>C SUMATRA 50.110 YB5QZ  
05150540 VR2NT >QM05 50.110 H JA1VOK  
05150550 VR2LL, VR2XRM >PM95 50.110 S JE1TGH  
05160227 VR2GC, 0345 VR2XMT 50.110 S JA1VOK  
05160346 VR2XRM >QM05 50.140 H JA1VOK  
05181224 VR2BG, 1309 VR2XMT >QM05 H JA1VOK  
05181315 VR2XMC >QM05 50.130 S JA1VOK  
05201146 VR2ZUC, 1214 VR2GC >QM05 H JA1VOK  
052021237 VR2LC, 1243 VR2BG >QM05 H JA1VOK  
05211428 VR2ZGC, 1432 VR2XMT 50.110 H JA1VOK  
05211450 VR2BG >QM05 50.105 H JA1VOK  
05211529 VR2XMT, 1529 VR2XRM >PM51 S JA6RGD  
05220202 VR2GC, VR2XHQ, VR2LC >QM05 H JA1VOK  
05230016 VR2XMT >QM05 50.130 S JA1VOK

### JAPAN

04100953 7J6CCU >PL05 BV2DP  
04180625 7J6CCU >PL05 BV2DP  
04240747 JS6CDB >PL05 BV2DP  
04290215 JR6YAG >QM05 50.037 B JA1VOK  
05080700 JA6YBR (Es) >QM05 50.017 B JA1VOK  
05090240 JA6YBR >QM05 50.017 B JA1VOK  
05090335 JR6YAG (Es) >QM05 50.037 B JA1VOK  
05101022 JA2IYGI 50.010 B V73AT  
05150130 JA6YBR 599 >QM05 50.017 B JA1VOK

### KOREA,S.

05140241 HL4CSL/M >PM85 50.210 S JE2DWE  
05150242 HL5FK >QM05 50.130 H JA1VOK  
05151520 HL1LTC >QM05 50.110 H JA1VOK  
05161009 HL2AKL >QM05 50.222 S JA1VOK  
05161018 DL61QGS >QM05 50.150 S JA1VOK  
05191235 HL5XF >QM05 50.130 H JA1VOK  
05221557 HL1LTC >QM05 50.110 H JA1VOK

### MACAO

04271320 XX9TSS >PM53 50.090 C JA6QGG  
04271331 XX9TSS 50.090 VR2LC  
04271334 XX9TSS >PL36 50.090 C JR2HCB/6  
04290132 XX9TSS >PL36 50.093 C JR6VSP  
05050121 XX9TSS >PL36 50.110 C JR6VSP  
05060901 XX9TSS 50.090 VR2LC

### MALAYSIA, WEST

04081510 9M2NK >PL05 BV2DP  
04091514 9M2/JI1ETU >PL05 BV2DP  
04091647 9M2NK >PL05 BV2DP  
04101330 9M2JKL, 1505 9M2NK >PL05 BV2DP  
04181526 9M2TK >PL05 BV2DP  
04211502 9M2KE >PL05 BV2DP  
05041555 9M2NK >PL36 50.107 C JR6VSP  
05051250 9M2NK >PL36 50.107 C JR6VSP  
05090640 9M2TO >QM05 50.120 H JA1VOK  
05101418 9M2JK >PM53 50.121 C JA6QGG  
05101535 9M2NK >PL36 50.107 C JR6VSP  
05121248 9M2JKL >PM75 50.107 H JL4GTO  
05121445 9M2/JI1ETU >PM85 50.085 B JE2DWE  
05150642 9M2TO 599/59+>QM05 50.118 W JA1VOK  
05150713 9M2TO >QM08 50.118 S JA7JWF  
05150930 9M2TO >PM75 50.118 C JL4GTO  
05151001 9M2WK >QM05 50.107 C JA1VOK  
05151053 9M2TO >PM86 50.118 S JH9CYY  
05151057 9M2TO >QN12 50.118 S JH8BBB

05151058 9M2TO >Q823 50.118 S JH8DIV  
05151059 9M2TO >QR13 50.118 S JA8NAE  
05151100 9M2TO >Q803 50.118 S JA8IUB  
05151101 9M2TO >QW03 50.118 S JH8NKN  
05160300 9M2TO 59 >PM86 50.118 S JA9CGR  
05160513 9M2TO & 0532 >PM75 50.118 W JL4GTO  
05160613 9M2JKL >Q05 50.107 H JA1VOK  
05160618 9M2JKL >PM75 50.107 H JL4GTO  
05160642 9M2JKL 59 >Q05 50.110 S JA1VOK  
05160750 9M2/JI1ETU 59>Q0503 + 50.130 S JA1VOK  
05160829 9M2/JI1ETU >PM75 50.085 C JL4GTO

### SRI LANKA

05010734 487EA 559 >PL36 50.110 C JA1VOK/6  
05030834 487EA >PL36 50.110 W JR6VSP  
05051140 487EA >PM53 50.110 S JR6VSP  
05070832 487EA >PM63 50.110 S JA5CMO

### TAIWAN

05080833 BV2NT, 0851 BV4QI >PM85 S JE2DWE  
05080852 BV/JPIRIW, BV2NT >QM05 H JA1VOK  
05080901 BV/JPIRIW >PM85 50.114 S JE2DWE  
05080938 BV2PU >PM85 50.100 H JE2DWE  
05100654 BV2NT, BV2PU >PM85 50.110 H JE2DWE  
05171049 BV2NT, 1148 BV2PU 50.120 H JL4GTO  
05172232 BV2NT >QH05 50.120 S JA1VOK  
05181127 BV2PU >QH05 50.110 H JA1VOK  
05220245 BV2NT >QM05 50.120 S JA1VOK  
05230013 BV2B >QM05 50.110 S JA1VOK  
05230020 BV2B >QM05 144.110 H JA1VOK

## Reports of Europe

### EUROPE GENERAL

05071742 EUR VID >FH65 -1801 48.242 V VE9AA  
04262019 DL1UU/MM 53/53 JO24 50.145 PE9DX  
0261343 DL8CMM/MM JO47>JO56 50.145 OZ5AGJ  
04271003 DL1UU/MM JO85 50.145 OZ4GG  
04271920 DL8CMM/MM KO07 50.145 DL9MS  
05031355 SP6ASD/MM 579 JO74 50.191 OZ1DJ  
05031358 SP6ASD/MM 579 JO74 50.191 SM7CMV  
05061134 SP6ASD/MM JO74 50.120 EM7AED  
05231919 WT3A/MM HM76TS, NEAR AZORES  
05241555 WT3A/MM IM16 50.115 SP6GWB  
05241557 WT3A/MM 51 IM16>JO80 50.115 SP6GWB  
05241603 WT3A/MM 50.115 F1TAX

### ALAND IS.

04271903 OHOAE CW 50.161 SK0CT  
05251743 OHOAE JP90XI 50.162 IK0CNA  
05251748 OHOJFP JP90WJ 50.175 IK5YEW

### AUSTRIA

05091104 OE3MWS CQ 50.150 SM2GCQ

### AZORES

05221605 CU3URA >EM79 50.013 B WB8XX  
05231934 CU3URA 559 50.013 B EA7KW  
05241646 CU3URA HM68 559>IM77 50.013 B EA7OC

### BALEARIC IS.

05011837 EH6SH TRO 50.115 FY1NX  
05011841 EH6SH CQ CW 50.115 FY5CC  
05081630>EH6VQ >IO910N H G4RGK

### BELGIUM

04291849 OH9BGP 57 ES 50.127 EA7KW  
05171441 ON4GG 50.139 OH5LK  
05231931 ON4CBE 50.120 IS05WW  
05251949 ON5CFB 50.105 FY5CC

### BULGARIA

05140846 LE3UF KN12 59 50.110 F4PAN  
05140933 LE1DJ KN22 50.110 F4PAN  
05171555 LE1JS KN22 50.013 B OH4FANT  
05172104 LELEX KN32, LE1JH KN22 .109 IK4FMT  
05181121 LE2HM KN12QF 50.110 DJ6TK  
05181146 LE1CY 559 KN12>JO22 50.104 PA3BLS  
05181156 LE2RQ 559 KN12>JO22 50.102 PA3BLS  
05181209 LZ2CC KN23JG 50.126 PA0WGL  
05251537 LE1DJ, 1540 LE1DQ 50.112 IK8DYD  
05251548 LE1QB KN12 59 50.150 IW9ELR  
05251550 LE1JS 59+>JR88 50.135 OE3MWS  
05251557 LE1DJ, LS1DQ KN22 50.105 SP9DSD  
05251605 LE1JS 59 KN2D2>JR77 50.135 OE6BMG  
05251622 LE1DQ 59 KN22>JO50JW 50.137 DL4ALI

### CRETE

04261606 SV9ANK 50.110 9H1AL  
05140904 SV9SIX 55>JH36BK 50.012 B HB95JU  
05140914 SV9SIX 559 KM25 50.012 B F4PAN  
05221154 SV9ANK 59 KM25>JO50AW .110 DK5FA  
05221152 SV9ANK 59 50.115 SP9DSD  
05221154 SV9ANK 50.115 9A8A

### CROATIA

05011712 9A3RE 50.115 PY5CC

### CZECH REPUBLIC

05171600 OK1DDO KN18 50.133 SV1WE

05251525 OK2PWF CQ 50.118 SV1WE

### DENMARK

04271701 OH5WP/ 55 TROPO>JO32 50.160 PA2TAB  
04271803 OZ9KY 50.150 PA3GHP  
04271836 OZ1IEP 529>JP92 50.200 H SM3KJO  
04271842 OZ9KY 50.150 ON9CFB

### FRANCE

03171258 F6HTJ 599 >KN14VH

04261554 OH1SIX 50.025 B DL6AM

05061052 OH1SIX KP11>JO56 559 50.025 B OZ5AGJ

05061103 OH1SIX WEAK>JO33 50.025 B PE9GG

05091038 OH1VR KP11 50.130 OK1DDO

05091041 OH5RE 559 KP41>JO50 50.108 DL4ALI

05091047 OH1SIX 559 KP11>JO80 50.025 B SP6GWB

05131554 OH1XT AURORA KP01 50.131 DL5MAE

05171444 OH5LK KP30 59+ 50.139 OH4GG

05171456 OH3MF 59+>JO31TO 50.142 DL2DR

05171508 OH1AYQ 59 KP12JB>JO50 50.130 DK5FA

05171518 OH1AYQ KP12 50.130 F4PAB

05171520 OH1VR KP11TM> JO43 50.135 DL5BAW

05171523 OH5LK KP300N 59 JUSSI .156 ON5RY

05171555 OH1LT 59 K00D>JO22 50.138 PA3BLS

05171557 OH5LK 59 KP300N 50.155 OZ6BMG

05171603 OH1LT KP00XO RENE 50.138 ON1LGS

05171608 OH1SIX KP11QD>JO21WA 50.024 B PA3DXV

05181526 OH7P7 KP42 50.140 IW4DCW

05181556 OH1SIX 599>JR88 50.025 B OE3HWS

05181215 OH1XT KP01>JR52 50.148 IK5DQW

05251732 OH6JW JH52>KP12CD 50.137 PA2VST

05251736 OH6KWL KP13 >JO22 50.135 DL4ALI

05251736 OH6KWL 579 KP13>JO50 50.135 GW78MV

05251807 OH1XT 59 KP01 50.140 OE2IGP

05252008 OH6AT 55 JB67 >KP02 50.155

05171258 F6HTJ 599 >KN14VH

04261554 OH1SIX 50.200 F50ZG

04291734 F5BYM 59 50.125 IW9CER

04291925 TM1CW 559 JO10>JO21 50.200 ON9BGP

04291928 F4PAN CQ 50.135 EA7AH

05011113 F2YT 59+ 50.155 ON9BGP

05011163 F2YT CLG CQ 50.210 ON1LGS

05021616 F1BHB 57 JN89XP>JO30 50.200 DL8PM

05031243 F3NB R 559 JN33UT 50.205 IZ1ANK

05061003 F5HA 50.110 OH1PFP

05061810 F8KOT JO100S 50.310 B OH1LGS

05081708 F6ISI 50.110 IT9DEC

05090915 F5BYM 59 >JR86 50.115 9A3BZ

05091009 F1TDF 50.150 IE0BVGU

05091026 F6ECS 59 JN12 JO21 50.140 PE1PES

05130915 F4BAX CLG CQ 50.180 ON1LGS

05131123 FIRG IJ89UD>IL18SK Es 50.110 EH8BPK

05131130 F3CH JH06IV>IL18SK Es 50.110 EH8BPK

05131132 F6HRP IJ88KX>IL18SK Es 50.110 EH8BPK

05141944 F5SEA IJ95UQ>IL18SK Es 50.110 EH8BPK

05141944 F6PHP IJ94TR>IL18SK Es 50.110 EH8BPK

05151433 F5PHP IJ94KO>IL18SK Es 50.110 EH8BPK

05151436 F5BYM IJ94KO>IL18SK Es 50.110 EH8BPK

05171518 F6IMX JH05 50.201 OZ5AGJ

05171518 F6IMX 59>JR043HV 50.125 SP4MPB

05171805 F5BYM IJ94KO>IL18SK Es 50.120 SP2SGE

05211639 F2YT 59 100 50.200 GM7NEI

05211640 FIACK 59 CLG CQ 50.200 OH1LGS

05211646 FIAMZ JN09MV 50.165 OH1LGS

05231839 F5DE CQ 50.213 OM5LD

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05182102	RA3YO	KO73>JO71	50.107	DL9USA	05171540	EH1YV	IN52>JO71	50.113	DL9UDS	05181954	UT5IV	51 KN88>JO21JO	50.130	PR1MES
05182141	RA3YO		50.099	IW1TWD	05171543	EH1YV	JN35>IN52	50.130	IW1DIM	05181957	U85EKL	50.110	IK7KIV	
05251534	UV5QK	59 KN77>JM78	50.150	IW9CER	05171551	EH3ADW		50.130	OZ1LWT	05181959	UU7JM/P	KN45>JO45	50.108	OZ6EI
05251622	RA3YO		50.150	DJ9YE	05181143	EH3HMD	JN11BI>JO70FC	50.111	OK1MP	05182000	U85EKL	KN78	50.130	PAJGST
<b>SARDINIA</b>														
05231853	IS0DME	JB40HR	50.220	PA4PA	05201817	EH2ADJ	IN93>JO56	50.130	OZ5AGJ	05182007	U85CCO	KN59>JO42	50.135	ON9BGP
05231902	IS0LYN	JB40	50.145	ON9BGP	05201842	EH1EH	579>J070	50.105	DLIUO	05182010	U85CCO	59+ KN59XG	50.135	PA0WGL
05231912	IS0GQX	JM49OH	50.140	PA4PA	05201859	EH1DLY	559>J090	50.108	OK1KT	05182015	UT2IO	KN88	50.117	DL3YEE
<b>SCOTLAND</b>														
04270819	GB3RMK	IO77 >KP02	50.060	B OH6RTL	05201903	EH1H	IM670G 25W 5EL	50.006	B EA7AHS	05182022	U85LX		50.105	PA2EW
05020342	GB3RMK	579	50.060	B GU7DHI	05211517	EH3ADW	559 JN11	50.130	SP9DS	05182023	U85LX	KO70WK	50.105	PA3HDP
05131529	GB3LER	55A>JO33	50.064	B PA0OOS	05211543	EH3TA	JN11	50.144	SP9DS	05182027	U85LX	59 KO70>JO21	50.105	ON9BGP
05131533	GM1WKR	52A ABERDEEN	50.100	B PA0OOS	05211628	EH1EH	CQ CW	50.105	SP3RNK	05182030	U85CCO	59 KN59>JO44	50.135	DL3L8
05131552	GN7WLE	52A IO88	50.140	GD0TEP	05211629	EH1EH	WKG SP2SGE	50.110	DL9USA	05182042	U85LX	KO70	50.120	ON9BGP
05131608	GN7WLE	55A	50.139	ON4ART	05211656	EH2DAJ	57>JO61	50.133	DL3MG	05182048	U85LX		50.119	PA5A5
05140937	GB3RMK	IO77	50.060	B ON9BGP	05211658	EH5AAJ	57 IM99	50.160	DL4ALI	05182106	U85LX	KO70>JM52	50.120	IK5JWQ
05141116	GB3RMK	599 IO77UO	50.060	B EH3CUU	05221173	EH5V	59 CLO CQ	50.160	GM7ZEI	05182111	U85LX	57 KO70>JO62	50.120	DL1UU
05171426	GB3LER	50.064	B IK1SOW	05231840	EH3BTD	JN12FE>JO61VA	50.140	B DDOVF	05182123	U85LX	59 KO70	50.105	PE1PEZ	
05171530	GM1WKR	JN35>IO87 59	50.136	IW1DIM	05231841	EH5FV	399 IM98>J071	50.104	DL6UCW	05182126	U85LX	IW1D	50.105	IW1D
05201552	GM6BIG	DAVID, 05185CP	50.135	IK4WUO	05231842	EH5FV	IM98>J062	50.104	DLIUO	05251509	U85EL	59 KN56XX	50.116	IW9CER
05201614	GO0EFT	ROY, IO86PL	50.120	IK4WUO	05231844	EH1EH	JN69>IN82 59+	50.120	SP9DSD	05251524	U85CCO	59+ KN59>JM78	50.122	IW9CER
05201635	GB3RMK	539>JM35	50.060	B IW1DIM	05231846	EH3A	JN11HR 20W 5EL	50.150	DL7VGN	05251528	U85TWW	KN39MK 59>JM78	50.110	IW9CER
05231942	MM1LATY	59	50.153	SP9DSD	05231851	EH5FV	IM98C	50.104	DL7VGN	05251532	UT5GA	50.130	I80MA	
05231944	GM4OBD	IO87XJ>JO70FC	50.109	OK1MP	05231854	EH5YB	59+	50.120	DL7VGN	05251534	UT7GA	50.131	I80MA	
<b>SICILY</b>														
04201540	IT9KSS	59/59 JM68QC	50.110	S YO7VS	05231906	EH7GTF	IM87C6 JN92MP	50.123	SP2NJI	05251543	U85TWW		50.115	I80MA
04291728	IT9PME	JM68 59 IO81	50.150	GW7SMV	05241506	EH5VQ	IM69>JN59	50.102	DK3AX	05251546	U85CCO	50.117	I80MA	
05011746	IT9RER	CQ	50.110	FY5CC	05241511	EH5GL	JN98>JN59	50.130	DK3AX	05251550	U85EL	50.125	I80MA	
05011752	IT9RER	WEAK CQ DX	50.110	SP3RKE	05241521	EH2EG	IN93AH	50.167	OK1MPC	05251551	UT7JA	KN60HP	50.153	I47SB
05081616	IT9KSS	59>IR87	50.155	PS5JK	05241525	EH2ADJ	IN93AH	50.167	OK1MPC	05251552	U85EL		50.140	I80MA
05092001	IT9IPQ	59 59 JM78	50.140	OE3K	05241711	EH3CQQ	JN11 59>JM78	50.140	IW9CER	05251556	UT2IE	59 KN98>JM61	50.144	IW9CER
05122104	IT9KCV	599 JM68>JM71	50.107	IK8MKK	05262255	EH7GTF	IM67>EN90	50.106	K1K1	05251557	UT3IE	50.144	I80MA	
05140957	IT9ZOB	539	50.105	OE2EPI	05262306	EH7KW	IM67>EN90	50.100	K1K1	05251602	UT2IO	KN88XA	50.117	I80MA
05181142	IT9WOB	559>JO61	50.107	DL5MG	05262355	EH7KW	>F844	50.100	K1TOL	05251603	U85EL		50.135	I80MA
05201806	IT9KSS	89+	50.110	FY5CC	05231942	EH7GTF	IM87C6 JN92MP	50.123	SP2NJI	05251607	U85TWW	CQ	50.110	I80MA
05201821	IT9KSS	JM68QC	50.115	GI6ATE	05241728	SM7AED	599/599 BRIEFLY	C	G4UPS	05251611	UT7GA		50.126	I80MA
05201903	IT9KSS		50.110	IW3L8E	05241736	SM7AED	599/579 TROP	C	G4UPS	05251613	UT7GA	59 KN 66	50.135	I80MA
<b>SLOVAKIA</b>														
05061719	OM3ID	CW JN88ME	50.110	9A3JI	05240702	SM7AED	599/599 MS?	C	G4UPS	05251618	UT7GA	KN98 CQ	50.150	I80MA
05131431	OM3KFF	559>JN86FJ	50.113	9A3JI	05242708	SM7B0U	519 JN66IK	50.167	PA0OOS	05251620	UT7GA	JN56	50.160	I80MA
<b>SLOVENIA</b>														
05060855	854G		50.110	IK8DYD	05242708	SM7AED	599/599 MS?	C	G4UPS	05251624	UT7BSS		50.135	I80MA
05081605	854G	JN65>JM35 TR	50.160	IK1EGC	05241513	SM3EQY	JP81>JN94	50.180	SP2IQW	05251628	U85BKL		50.110	I80MA
05081633	854G	JN65 > IM77	50.160	EA7OC	05241554	SM3EQY	AURORA	50.180	DLSMAE	05251632	U85BKL		50.126	I80MA
05081651	853RE	JN65>IM67	50.178	EA7KW	05241554	SM3EQY	AURORA	50.180	DLSBAW	05251636	U85BKL		50.125	I80MA
05131338	854G	CQ	50.111	9A8A	05241555	SM3EQY	IM98C	50.180	DLSBAW	05251640	U85BKL		50.125	I80MA
05140635	858J	CQ	50.110	FY5CC	05241556	SM3UZS	59 JN92EW>JN50	50.165	DLSBAW	05251644	U85BKL		50.125	I80MA
05171438	857UUD		50.113	GD0TEP	05241557	SM3UZS	59 JN92EW>JN50	50.144	DLSBAW	05251648	U85BKL		50.125	I80MA
05182017	857UUD		50.140	IW3QQJ	05241558	SM3UZS	59 JN92EW>JN50	50.135	DLSBAW	05251652	U85BKL		50.125	I80MA
05211164	851MQ		50.137	I71GL	05241560	SM3UZS	59 JN92EW>JN50	50.120	DLSBAW	05251656	U85BKL		50.125	I80MA
05231914	853EO	59 JN65>IN89	50.144	GU7DHI	05181427	SK3SIX	579>JN88	50.070	B 03JMW	05251660	U85TWW		50.117	I80MA
05251752	854G		50.168	PA4PA	05181621	SK0CT	CQ 559>JN86FJ	50.125	K1TOL	05251664	U85TWW		50.117	I80MA
<b>SPAIN</b>														
04271925	EH1TA	IN53SI>IL18SK Es	50.110	S EH8BPK	05182128	SK0CT	JN09>JN61	50.107	IW7D	05251670	U85TWW		50.135	I80MA
04291839	EH7KW	>JN68	50.110	DL3RBH	05182136	SK0CT	CQ	50.160	I2OBVU	05251674	U85TWW		50.135	I80MA
04291839	EH7KW	BS>JN49	50.110	DL3IAE	05182214	SK0CT	CQ	50.126	OM5LD	05251678	U85TWW		50.135	I80MA
04291843	EH4EHI	IM68TV	50.117	I21A2A	05231946	SM7CVM	JN75AM 59	50.132	HM5OAB	05251682	U85TWW		50.135	I80MA
04291902	EH7BVD	57 IM77>JO21	50.134	ON9BGP	05251734	SM2HTM	KP07	50.131	DLIUO	05251686	U85TWW		50.135	I80MA
04291919	EH5CD	IM98 59+	50.127	FY5CC	05251734	SM6MV	59	50.163	9A1CCY	05251690	U85TWW		50.135	I80MA
05011814	EH7KW	IM68TV	50.115	IW3GK	05251738	SM3UZS	JP92EW>JN50	50.157	PA2TAB	05251739	U85TWW		50.135	I80MA
05016173	EH5AAJ	IM99	50.125	IW3GK	05251745	SM3UZS	JP92EW>JN50	50.157	PA2TAB	05251745	U85TWW		50.135	I80MA
05081637	EH7BVD	IM67 59++	50.178	IW3RCR	05251745	SM3UZS	JP92EW>JN50	50.135	PA2TAB	05251750	U85TWW		50.135	I80MA
05081641	EH1YV	IM87 RS 55	50.110	IW50WW	05251748	SM3UZS	JP92EW>JN50	50.131	IW9CER	05251754	U85TWW		50.135	I80MA
05081647	EH5BKH	IM99 RS 59+	50.170	IW3RCR	05251809	SM1LP2	JN52>JN97	50.172	IW9CER	05251813	U85TWW		50.135	I80MA
05081648	EH5AAJ	59	50.152	IW3SKX	05251829	SM2HTM	59 KP07	50.170	DL6AMI	05251837	U85TWW		50.135	I80MA
05081655	EH5CKL	59 IN90>JM59	50.120	DL7QV	05251852	SM3UZS	53 JP92>JN62	50.163	DL1UU	05251860	U85TWW		50.135	I80MA
05081701	EH2ADJ	IM770V	50.190	IW2MXY	05181141	UD73M	559	50.105	I2AAJ	05251864	U85TWW		50.135	I80MA
05081701	EH4AV	IM68	50.151	IK0IXO	05181152	UD73M	559	50.155	I2AAJ	05251868	U85TWW		50.135	I80MA
05081724	EH7OC	59 IM77>JM25	50.195	F1RAD	05181210	UD73M	559	50.120	I2AAJ	05251872	U85TWW		50.135	I80MA
05081732	EH5BKH	IM99	50.170	F4PAN	05181212	UD73M	559	50.120	I2AAJ	05251876	U85TWW		50.135	I80MA
05081733	EH5AAJ	IM99	50.170	F4PAB	05181212	UD73M	559	50.127	I2AAJ	05251880	U85TWW		50.135	I80MA
05091039	EH3ADW	IM81CQ WKG PA	50.130	DK3RV	05181212	UD73M	559	50.110	I2AAJ	05251884	U85TWW		50.135	I80MA
05091036	EH3CQ	57 JN11>JO22	50.165	PA3BLS	05171609	UD73M	559	50.127	I2AAJ	05251888	U85TWW		50.135	I80MA</





05080804 VK8RAS >PM05 50.0465 B JA1VOK  
 05080942 VK8KTC >PM85 50.130 H JE2DWE  
 05081100 VK8VF >PM05 50.057 B JA1VOK  
 05081258 VK8MS >PM05 50.110 H JA1VOK  
 05091024 VK8KTC >PM05 50.110 H JA1VOK  
 05091038 VK8KTC >PM86 50.135 S JA9CGR  
 05091130 VK8VF >PM05 50.057 B JA1VOK  
 05100650 VK8RAS >PM85 50.0465 B JE2DWE  
 05100947 VK8KTC >PM85 50.110 H JE2DWE  
 05101046 VK8VF >PM85 50.057 B JE2DWE  
 05111046 VK8RAS >PM85 50.0465 B JE2DWE  
 05111138 VK8VF >PM85 50.057 B JE2DWE  
 05111252 VK8VF >PM85 50.057 B JE2DWE  
 05121252 VK8VF >PM85 50.057 B JE2DWE  
 05130944 VK8MS >1145 55 50.110 5B4PL  
 05140958 VK8KTC >PM85 50.110 H JE2DWE  
 05141147 VK8VF >PM85 50.057 B JE2DWE  
 05141200 VK8MS >PM85 50.110 H JE2DWE  
 05151200 VK8VF >PM05 50.057 B JA1VOK  
 05161034 VK8MS >PM75 50.110 H JL4GTO  
 05161200 VK8VF >PM05 50.057 B JA1VOK  
 05171043 VK8MS >PM75 50.110 H JL4GTO  
 05171046 VK8VF >PM75 50.057 B JL4GTO  
 BELAU  
 04101335 TB8WX >PL05 BV2DP

## FIJI

05040626 3D2TC >PM75 50.110 H JL4GTO  
 05110821 3D2TC >PM85 50.110 H JE2DWE  
 05120821 3D2TC >PM85 50.110 H JE2DWE  
 05140822 3D2TC >PM85 50.115 H JE2DWE  
 05150645 3D2TC 53 >BL10 50.110 H W6YLL/KH6

## HAWAIIAN IS.

05030530 KH0N 2 HI -0600 55.260 V EK1AA  
 05031500 KH0N 2 HI -1600 55.260 V EK1AA  
 05040700 KG0VW 3 HI Wailuku 61.250 V EK1AA  
 05040700 KHBC 2 HI Hilo 55.250 V EK1AA  
 05040700 KITV 4 HI Honolulu 67.240 V EK1AA  
 05050815 KH0N 2 HI -1300 55.260 V EK1AA  
 05060855 KH6H1 KH6HME 50.065 B V73AT  
 05060902 KH7R 57 BL01>RJ38 50.110 V73AT  
 05061422 KH0N 2 HI -1612 55.260 V EK1AA  
 05080650 KH0N 2 HI -0955 55.260 V EK1AA  
 05090655 KFVE 5 HI Honolulu 77.250 V EK1AA  
 05090655 KH6HME & VID TO CH 5 50.061 B EK1AA  
 05090655 KH0N 2 HI -1305 55.260 V EK1AA  
 05091305 KH6HME 59+ >CM87 TR 144.17 B H6RE  
 05091626 KH6HME 359 >CM96 TR 144.17 B K06RS  
 05100605 KH0N 2 HI -0655 55.260 V EK1AA  
 05100650 KH6HME & VID TO CH 5 50.061 B EK1AA  
 05110505 KH6HME & VID TO CH 4 50.061 B EK1AA  
 05120535 KH6HME 2 HI -1145 55.260 V EK1AA  
 05121845 KH6HME >CM97 50.061 B W7W6J  
 05121946 KH6H1 81-5>CM88 50.065 B K6QXY  
 05122022 KH6HME 81->CM88 50.062 B K6QXY  
 05122026 KH6HME >CR84 B K67FU  
 05122144 KH6HME, KH6H1 > CM84 50.061 B NOXX/7  
 05170400 KH7R BL01>EN13 W W7XU/0  
 05170400-KH7R W NOQQM  
 05170400-KH7R W7XU/0  
 05170400-KH7R W NOQQM  
 05241650 KH6HME TR IN/OUT 144.17 B K6QXY  
 05250300 KH6HME TR -0330 144.17 B K6QXY  
 05270054 KH6HME TR >0250 144.17 B K6QXY  
 05270310 KH6HME 459 TR >CM87 432.08 B K6FV  
 05270310 KH6HME 579 TR >CM87 144.17 B K6FV  
 05270640 KH6HME & VID TO CH 5 50.061 B EK1AA  
 05270640 KH0N 2 HI -1110 55.260 V EK1AA  
 05281900 KH6HME TR BK29>CM97 144.17 B KQ6DI  
 05282100+KH6HME 569 TR 144.17/432.08 B K6FV

## INDONESIA

04011250 YB0ARA/9 >PL05 BV2DP  
 04051212 YB0ARA/9 >PL05 BV2DP  
 04211330 YB0CFC >PL05 BV2DP  
 05021248 YC1MH >PM85 50.150 H JE2DWE  
 05021340 YF100 >PM85 50.125 H JE2DWE  
 05041235 YF100 >PM63 50.110 S JA5CMO  
 05041235 YF100 >PM05 50.110 H JA1VOK  
 05041246 YB0CBI >PM74 50.110 S JA3EGE  
 05041249 YB0CBI >PM75 50.110 H JL4GTO  
 05041251 YC1MH >PM75 50.130 H JL4GTO  
 05051313 YF100 >PM75 50.125 S JL4GTO  
 05051337 YC1EHR >PM75 50.100 H JL4GTO  
 05081226 YF100/M >PM85 50.110 H JE2DWE  
 05081256 YC1MH >PM85 50.130 H JE2DWE  
 05091424 YF100 559 50.111 5B4PL  
 05091442 YC1EHR 50.110 5B4PL  
 05101217 YC1MH, YF100 >PM85 50.130 H JE2DWE  
 05101222 YC1EHR >PM85 50.130 H JE2DWE  
 05101527 YB5QE >PL36 50.110 C JR6VSP  
 05121210 YF100, 1222 YC1MH 50.110 H JL4GTO  
 05121223 YC1MH >PM05 50.110 H JA1VOK  
 05121255 YC1MH >PM85 50.130 H JE2DWE  
 05131433 YC1EHR >PM75 50.111 H JL4GTO  
 05131512 YF100 549 50.110 5B4PL  
 05131528 YC1EHR 519 50.110 SV1DH  
 05131553 YC1EHR 579, YF100 559 50.110 5B4AGM  
 05141310 YC1MH >PM05 50.130 H JA1VOK  
 05151556 YC1EHR 229 >PM85 50.110 5B4PL  
 05171614 YF100 >PM75 50.110 H JL4GTO

## MARIANA IS.

04181535 KH0XX >PL05 BV2DP  
 05010443 V73SIX >PL36 50.014 B JA1VOK/6  
 05060911 V73AT 50.110 KH7R  
 05160800 V73SIX 59 >BL10 >0830 .014 B W6YLL/KH6

## MICRONESIA

05111009 V63AO >PM85 50.120 H JE2DWE

## NEW ZEALAND

04012300 EL TV VID 59+ 45.24/.25/.26 V K6QXY  
 05130045-EL TV VID -0355 45.250+ V K6FV  
 05200400 EL3BE/H, EL2A&GI W VK3SIX  
 05200400 EL3SIX -0800 B VK3SIX  
 05240000 EL TV VID 45.24/45.26 WEAK V K6FV  
 05240221 EL TV VID S7 45.250+ V K6FV  
 05242256 EL TV VID 45.24/45.25 WEAK V K6FV

## OGASAWARA IS.

05160147 JD1/JF8HIQ QL64>PM05 50.190 S JA1VOK  
 05160149 JD1/JF8HIQ >PM63 50.190 S JA5CMO  
 05160211 JD1/JF8HIQ >PM75 50.190 S JA3JTG

## PAPUA/NEW GUINEA

04061157 P29PL >PL05 BV2DP  
 05021027 P29PL >PM85 50.110 H JE2DWE  
 05021029 P29PL >PM74 50.110 S JA3EGE  
 05061204 P29NB 50.110 7J2AHK  
 05061208 P29NB 50.110 H JE2DWE  
 05061220 P29PL >PM05 50.110 H JA1VOK  
 05061221 P29PL >PM85 50.110 H JE2DWE  
 05111032 P29NB >PM74 50.110 S JA3EGE  
 05171043 P29PL >PM75 50.110 H JL4GTO

## PHILIPPINES

05121329 DU1/H1WLW >PM85 50.110 H JE2DWE  
 05121329 DU1/H1WLW >PM05 50.110 H JA1VOK  
 05121331 DU1/H1WLW >PM75 50.110 H JL4GTO

## SABAH

05081416 9M6JY >PM85 50.115 H JE2DWE

## TUVALU

05050924 T2JY >PL36 50.107 C 7J6CCU  
 05050928 T2JY 0941 CW >PL36 50.107 S JR6VSP  
 05060808 T2JY >PM85 50.107 H JE2DWE  
 05060840 T2KJ >PM63 50.107 C JA5CMO  
 05060841 T2KJ >PM75 50.107 C JA3JTG  
 05070853 T2JY >PM53 50.107 C JH6K8  
 05070856 T2JY >PM75 50.107 H JL4GTO  
 05080940 T2JY >PM05 50.107 H JA1VOK  
 05080950 T2JY >PM85 50.107 H JE2DWE  
 05081015 T2JY >PM53 50.107 S JH6K8E

## VANUATU

05150652 YJ8UU 59 >BL10 50.110 H W6YLL/KH6

## Reports of South America

### ARGENTINA

03272100 LW5EJU >DL44 H KE2HWB  
 04012231 LU9EHF >DL44 H KE2HWB  
 04031934 LW5EJU GP05 >DL44 H KE2HWB  
 04031937 LU1DVT GP11 >DL44 S KE2HWB  
 04031955 LU2FFD, 2036 LW5DX >DL44 H KE2HWB  
 04032045 LU3ENK >DL44 H KE2HWB  
 04032320 LW4HBN FF87 >DL44 H KE2HWB  
 04042015 LU2MHP FF57 >DL44 S KE2HWB  
 04042106 LU2FFD, 2106 LU9MA >DL44 H KE2HWB  
 04042110 LU2DGO, 2115 LU2MHP >DL44 H KE2HWB  
 04042121 LU8MB, 2130 LU5MXP >DL44 H KE2HWB  
 04042151 LU3DL, 2325 LU9MA >DL44 H KE2HWB  
 04052327 LU7FA FF96 >DL44 H KE2HWB  
 04062348 LU9MA FF56 >DL44 H KE2HWB  
 04102044 LU8EGB, 2047 LU6DRD >DL44 H KE2HWB  
 04102052 LU2FFD >DL44 H KE2HWB  
 04102316 LU5YAR FF50 >DL44 S KE2HWB  
 04112002 LU9APM GP05 >DL44 S KE2HWB  
 04112013 LU3AKW GP05 >DL44 S KE2HWB  
 04132200 LU3HFP, LU1MFP, LW4HBN >DL44 H KE2HWB  
 04132311 LU1MAP FF57 >DL44 S KE2HWB  
 04181904 LU3DL FF94>IL18SK TEP S EK6BPK  
 04252010 LU6DRV 59 50.110 S WP40  
 04252130 LU2MHP FF57 >DL44 H KE2HWB  
 04262342 LU9EHF . 50.015 B KE1AVM  
 042711949 LU1DML WKG LU1MAP 59 50.110 KE1AVM  
 04272130 LW6EUL LU6EUL >EN40 50.125 H KA9CFD  
 04282200 LW5EJU 59 >2300 W KOFF  
 04282238 LU2FFD 59+ >EM84 50.110 W WB2OTK/4  
 04282239 LU2FFD >WI 50.110 W KE9RY  
 04282300 LU8DIO >EN40 50.110 C K1M0D/9  
 04282302 LU9AEE >EN40 W KA9CFD  
 04290131 LU2MHP >PL36 50.110 H JS6CDE  
 04301909 LW5EJU GP05NN>IL18SK TEP S EK6BPK  
 05011641 LU5EJU GP05NN>IL18SK TEP S EK6BPK  
 05011644 LU6DLB GP05PH>IL18SK TEP S EK6BPK  
 05011750 LU9EHF 579 50.015 B EA7K  
 05011908 LU3VAO DDF FF56 50.114 W 4WTA  
 05011940+LU9EHF GP05FFEL96 50.1055 B KK4XO  
 05021200 LU5DX, LW3EBJ KX4KAO  
 05021220 LU>2300 >EL83 CO2OJ  
 05021753 LU8DIO, LU1DMA 57>IN87 50.11 F5JJK  
 05021806 LU9AEE 59>IN87 50.110 F5JJK  
 05021855 LU6DLB 58/57 50.110 S WP40/m  
 05022149 LU9RHE 339 50.019 B KE1AVM  
 05031804 LU6DRV GP05>IM67 50.115 EA7K  
 05031842 LU2FFD JN61>FF97 50.110 IWODEI  
 05031914 LU2FFD JN61>FF97 50.110 IWODEI  
 05031919 LU1DMA JN61>GP05PH 50.110 IWODEI  
 05081822 LU2FFD 54 50.115 IK8DYD  
 05091912 LU2FFD 54 50.110 5B4PL  
 05101822 LU2FFD 59 FF97OB 50.110 IW2FGK  
 05101915 LU3VAO FF56>OH -2015 W W8PAT

### CHILE

04011930 PY5CC GG54RE>IL18SK TEP S EK6BPK  
 04141932 PY2VA GG66>IL18SK TEP S EK6BPK  
 04151923+PY3PT GP49, FV3FF GF48 S EK6BPK  
 04152152 PY4DX >IL18SK TEP S EK6BPK  
 04181856 PY5CC GG54RE>IL18SK TEP S EK6BPK  
 04251942 PY5CC GG54RE>IL18SK TEP S EK6BPK  
 04252059 PY5CC 58>FK68 50.110 S WP40  
 04272058 PY3ARL 579>GUAIABA RS 50.028 B KE1AVM  
 05011702 PY5CC 50.110 9A3JI  
 05011705 PY5CC GG54 59 50.113 IW9DCN  
 05011750 PY3ARL 559 GF49 5 W 50.028 B EA7K  
 05011800 PP1CZ JMT6 >GG99 50.110 IT9RER  
 05011805 PY1NPK CQ 579>JM76 50.111 IT9RER  
 05011814 PP1BG 50.110 9H1B  
 05012014>PU3NPA 59 GF49>EK44 50.110 S TG9AJR  
 05012014>PY3ARL 599 >EK44 50.029 B TG9AJR  
 05012053 PY3OR 59 GF40>EK44 50.110 S TG9AJR  
 05012053 PY3OR 59 50.110 TG9AJR  
 05012243 PY3ARL 559 50.028 B KE1AVM  
 05021755 PY3ARL 529>IN87 50.028 B F5JJK  
 05031751 PY3ARL 559>IM67 50.028 B EA7K  
 05031903 PY5CC 59 JH61 50.110 IOJXX  
 05052241 PY2KHY 50.130 PY2MAJ  
 05151943 PY5CC 50.110 IK0IXO  
 05201707 PY3ARL 579>IM67 50.028 B EA7K  
 05201745 PY5CC 59 50.105 5B4PL  
 05201748 PY5CC RM18VA 50.110 SV1WE  
 05251929 PY3ARL 50.028 B F5JJK  
 05251949 PY5CC 59+ 50.105 OH9CPB  
 05251950 PY5CC >IN87 50.105 F5JJK  
 05252000 PY5CC GG54 57 >JN59 50.105 DL7QY  
 05252002 PY5CC 57 >JO22 50.105 PA3DOL

### COLUMBIA

04282012 HK3YH PJ24>PK68 50.110 W WP40

### ECUADOR

03272103 HC2FG >DL44 B KE2HWB

04102040 HC5K FI07 >DL44 S KE2HWB

### FERNANDO DE NORONHA

04152147 PYOFF HI36TD>IL18SK TEP S EK6BPK

### URUGUAY

03272049 CX8BE >DL44 H KE2HWB  
 04032018 CX8BE >DL44 H KE2HWB  
 04032037 CX7BEE GF15 >DL44 S KE2HWB  
 04032038 CX9AP GF15 >DL44 S KE2HWB  
 04032058 CX4AAJ GF15 >DL44 S KE2HWB  
 04042130 CX9AP >DL44 H KE2HWB  
 04252110 CX2LII >PK68 50.110 S WP40  
 04272000 CX1CCC 599>EM52 50.020 B W4UDH  
 04272036 CX4AJAH LUIS MONTEVIDEO 0.10 XE1AVM  
 04272052 CX1CCC 53 50.110 XE1AVM  
 04282200 CX4AJAH 59 >2300 W KOFF  
 05011646 CX1AO GF15>IL18SK TEP S EK6BPK  
 05011940+CX1CCC GF15>EL96 50.019 B KK4XO  
 05012200+CX >2300 >EL83 CO2OJ  
 05031815 CX1CCC WEAK 50.020 B EA7K  
 05081755 CX1CCC 529 JH59 50.020 B DL7QY  
 05081847 CX8BE 59 JH59 50.111 DL7QY  
 05101915 CX1CCC GF15>OH -2013 W W8PAT  
 05152001 CX8PT CQ CQ 50.112 IK8DYD  
 05152008 CX4AH WEAK 50.110 VE9AA  
 05152011 CX1CCC 519>FF65 50.020 B VE9AA  
 05152029 CX2AAJ UNDER LU2FFD 50.110 VE9AA  
 05152031 CX1CCC >FH43 NH 559 50.021 B KA1A